

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-109871
(43)Date of publication of application : 18.04.2000

(51)Int.CI. C10M141/10
// (C10M141/10
C10M137:04
C10M139:00)
C10N 30:08
C10N 40:04

(21)Application number : 10-287886 (71)Applicant : IDEMITSU KOSAN CO LTD
NSK LTD
(22)Date of filing : 09.10.1998 (72)Inventor : HATA KAZUSHI
SEIKI TAKAMICHI
MACHIDA TAKASHI

(54) TRACTION DRIVE FLUID

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a traction drive fluid which has not only excellent resistances to wear and scoring but also an improved surface fatigue life.

SOLUTION: This fluid is prep'd. by compounding a lube base oil with an additive. The additive is obtd. by thermally treating (A) a phosphorus compd. and (B) a boron-contg. imide dispersant at 120-150° C for at least 5 hr, has a wt. ratio of boron to phosphorus of 0.05 or higher and a ratio of total acid value (mgKOH/g) to phosphorus content (wt.%) of 25 or higher, and is compounded in an amt. 100-600 wt.ppm in terms of phosphorus.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]